WEST Search History

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DATE: Monday, November 15, 2004

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		DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L17	l3 and L15	26
☐	L16	l9 and L15	12
☐	L15	l13 or L14	4641
☐	L14	709/203,227,228.ccls.	3951
☐	L13	710/11,33.ccls.	732
☐	L12	6694387.pn.	2
☐	L11	6684269.pn.	2
☐	L10	L9.clm.	8
☐	L9	(server near5 network$4) with (protocol near5 (extend$4 or encapsulat$4))	45
☐	L8	(server with network$4) same (protocol near5 (extend$4 or encapsulat$4))	168
☐	L7	L6 same server	260
☐	L6	network$4 same (protocol near5 (extend$4 or encapsulat$4))	1432
☐	L5	L1 same (protocol near5 (extend$4 or encapsulat$4))	13
☐	L4	l3 same (extend$4 or encapsulat$4)	21
☐	L3	L1 same protocol	242
☐	L2	L1 same (protocol adj statement)	11
☐	L1	(open adj network$4)	1822

END OF SEARCH HISTORY

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L10: Entry 8 of 8   File: USPT   Oct 26, 1993

DOCUMENT-IDENTIFIER: US 5257369 A
TITLE: Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes

CLAIMS:

1. In an apparatus comprising one or more application software processes in execution on and controlling operations of at least one host computer, each said host computer electrically coupled by a data path to at least one server computer having in execution thereon at least one service process controlling operations of said server computer, an apparatus, comprising: .

communication means in execution on and controlling operations by each said host computer and each said server computer and including at least one protocol engine encapsulating a communication protocol for exchanging data with other processes coupled to said data path, for receiving said link requests to set up a data communication link over said data path to all server computers identified in said link request or requests and for establishing said data communication link with all servers identified in said link requests;

service means in execution on and controlling operations by each said host computer and coupled to each application software process in execution on each said host computer, and in execution on and controlling operations of each said server computer and coupled to each said service process in execution thereon, including at least one service discipline <u>encapsulating a communication protocol</u> for communicating to at least a selected one of said service processes, for receiving a subscription request directed to at least one of said service disciplines requesting establishment of a subscription on a particular subject with one or more of said service processes, and for mapping said subscription request to all server computers which have in execution thereon a service process supplying data on said subject and one or more <u>protocol engines encapsulating appropriate communication protocols</u> needed to communicate over said <u>network media with said server</u> computers identified in said mapping by said service means, and for generating a said link request requesting establishment of a communication link with all server computers identified in said mapping of the subject to server, and transmitting said link request to said communication means, and, after said communication link is established for passing a message to the selected service process to establish a subscription on the subject and for sending all data published by any said selected service process on said subject to the application process or processes that have outstanding subscriptions on the subject until said subscription is cancelled; and

information means in execution on and controlling operations by each said host computer and coupled to each application software process in execution on each said host computer, and in execution on and controlling operations of each said server computer and coupled to each said service process in execution thereon, for receiving a subscribe request from said application process requesting data on a particular subject and mapping said subject contained therein to all service processes which supply data on said subject and one or more of said service